PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Substitute for form 1449A/PTO Complete If Known AUS 0 9 2005 **Application Number** 10/743,309 INFORMATION DISCLOSURE Filing Date December 23, 2003 STATEMENT BY APPLICANT First Named Inventor MALTSEV, Alexander A. 2609 Group Art Unit (use as many sheets as necessary) Not yet known Ben H. **Examiner Name** Sheet 2 of Attorney Docket Number P-5910-US

U.S. PATENT DOCUMENTS								
Cite				Pages, Columns, Lines, Where Relevant				
No. '	(if known)	MM-DD-YYYY	Passages or Relevant Figures Appear					
Α	2003/193889	A. Jacobsen	10-16-2003					
В	2003/231715	Shoemake et al.	12-18-2003					
ļ	· ·		· · · · · · · · · · · · · · · · · · ·					
	1.							
	 							
		· · · · · · · · · · · · · · · · · · ·						
		Cite, Number Kind Co (if known A 2003/193889	Cite No. Number Kind Code (if known) A 2003/193889 A. Jacobsen B 2003/231715 Shoemake et al.	Cite No. Number Kind Code (if known) A 2003/193889 A Jacobsen 10-16-2003 B 2003/231715 Shoemake et al. 12-18-2003				

					EIGN PATENT DOCU	MENTS		
Examiner Cite Initials* No.	<u></u>	Forei	gn Patent Doc	ument	Name of Patentee or	Date of Publication of		T
		Office ³	Number (if ki	l Code ⁵ nown)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
/B.L./	С	· EP	1 317 094		Texas Instruments inc.	06-04-2003		
/B.L./	D	EP	1 357 718		Samsung Electronics Co. Ltd.	10-29-2003		
/B.L./	E	EP	0 869 647		Lucent Technologies Inc.	10-07-1998		
/B.L./	F	wo	01/67702		VYYO Ltd.	09-13-2001		
·	ļ				,			
	1						·	
	<u> </u>							
	 	- -	 	· · · · · ·				
								
	<u> </u>							

Examiner Signature	/Ben Liu/	Date Considered	07/18/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Indee the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete if Known Substitute for form 1449B/PTO 10/743,309 **Application Number** December 23, 2003 Filing Date INFORMATION DISCLOSURE STATEMENT BY APPLICANT MALTSEV, Alexander A. First Named Inventor 2609 **Group Art Unit** Ben Liu (use as many sheets as necessary) Not yet known **Examiner Name** 2 P-5910-US Sheet Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS	
Examiner . Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/B.L./	G	Bangerter B. et al., "High-Throughput Wireless LAN Air Interface", Intel Technology	
/D.L./		Journal, Vol. 7, No. 3, 19 August 2003, pp. 47-57	
,	н	Liu H. H. et al., "New frame-based network allocation vector for 802.11b multirate	
/B.L./		wireless LANs", IEEE Proceedings: Communications, Institution of Electrical	
		Engineers, GB, Vol. 149, No. 3, 14 June 2002, pp. 147-151	
	ı	Copy of International Search Report for PCT/US2004/038476, mailed on	
/B.L./		April 1, 2005	
	J	Copy of International Search Report for PCT/US2004/041436, mailed on	
/B.L./		July 8, 2005	

					
Examiner Signature	/Ben Liu/	,	Dat Cor	e nsidered	07/18/2007

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Examiner

Signature

/Ben Liu/

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
a collection of information unless it displays a valid OMB

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of in

	Substitute:	for form 1449A/PTO	Com	Complete if Known		
	•		Application Number	Not yet kn wn		
		TION DISCLOSURE	Filing Date	Herewith		
STATEMENT BY APPLICANT			First Named Inv nt r	MALTSEV, Alexander A.		
			Group Art Unit	N-t yet known 2609		
(use as many sheets as necessary)			Examiner Name	Not yet known Ben Liu		
Sheet	1	of ²	Attorney Docket Number	P-5910-US		

				Attorney Docke	i i i i i i i i i i i i i i i i i i i	P-3910-0S		
			U.S	S. PATENT DOCUMEN	rs			
Examiner Initials*	Cite No.1	U.S. Patent Document Number Kind Code ² (if known)		Name of Patentee or Applicar of Cited Document		Publication of Document DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/B.L./	A	10/676,372		Maltsev et al.	09-30-200	3 (filing date)		
	<u> </u>		-					
	<u> </u>	 	 					
		 				·		
	<u> </u>		+				ļ	
								-
	<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>				-	
		 	ļ					
			 				•	
		 						
					- 		 	
	·							(4)
						· .		
			 				<u></u>	
							<u> </u>	
			FORE	IGN PATENT DOCUME	NTS			
Examiner Initials*	Cite No. 1	ForeignPatent I Office ³ Number ⁴	Cind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publ Cited Doc MM-DD-	ument '	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т°
		 						
		 						
								무
								ᅡ
		 						
	 	 						
		 			•		<u> </u>	
				L		<u> </u>		

Date

Considered

07/18/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-96)

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	Not yet known	
INF	ORM	OITA	N DISCLOSURE	Filing Date	Herewith	
STATEMENT BY APPLICANT			BY APPLICANT	First Named Inventor	MALTSEV, Alexand r A.	
·				Group Art Unit	Not yet known 2609	
(use as many sheets as necessary)			eets as necessary)	Examiner Name	Not yet known Ben Liu	
Sheet	2	of	2	Attorney Docket Number	P-5910-US	

Examiner nitials*	Cite No.1	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/B.L./	8	Intel Technology Journal, Wireless Technologies, Vol. 7, Issue 3, August 19, 2003, ISSN 1535-864X, pp. 1-68	
	ļ		
	<u> </u>		
		·	
•			
- 46)			

Examiner Signature	/Ben Liu/	Date Considered	07/18/2007

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.